

Abstract

A system, method is provided for engineering, deploying, and/or
5 maintaining a network such as a communications network. A computer,
and application software, support a method of recording the
characteristics of network components and their geographic locations
relative to a map. Graphical and tabular display of the stored information,
along with automatic functions for calculating system attributes such as
10 power supply load and signal strength throughout the network are
included. Networks including various transmission media, such as coaxial
cable, optical fiber, and wireless are supported. Automatic wireless signal
strength data collection, and fiber by fiber optical cable tracking are
among further features of the invention.

15